

*Sub B7*

a network coupling the personal communication device and the database to allow information to pass between the personal communication device and the database; wherein, the record generated includes a time the medical treatment was administered and additional information about the medical treatment administered; wherein, the personal communication device sends the record to the database over the network; and wherein the record is added to the database.

*X2  
Lamia*

22. (New) The medical management system of claim 21, wherein a part of the record is interactively generated by input from the patient and a part of the record is automatically generated by the personal communication device.

23. (New) The medical management system of claim 21, wherein the database is processed to initiate an automatic medication reorder.

24. (New) The medical management system of claim 21 further comprising:  
one or more communications devices coupled to the network and programmed to allow healthcare providers to access the database and to communicate with patients.

25. (New) The medical management system of claim 21 further comprising:  
one or more communications devices coupled to the network and programmed to allow pharmacists to access the database and to communicate with patients.

26. (New) The medical management system of claim 21 further comprising:  
one or more communications devices coupled to the network and programmed to allow insurance providers to access the database and to communicate with patients.

- Sub B7*
27. (New) The medical management system of claim 21, wherein the patient receives warning messages through the personal communication device indicating that the patient possesses tainted medication.
28. (New) The medical management system of claim 21, wherein the database contains patient education material accessible to the patient.
29. (New) The medical management system of claim 21, wherein the database contains a product catalog.
30. (New) The medical management system of claim 21, wherein the database is tailored to the disease hemophilia.
- X2  
Conrad*
31. (New) The medical management system of claim 21, wherein the database is used to perform tracking and trending of medication administered by the patient.
32. (New) A personal interactive medication logging apparatus comprising:  
a processor;  
a memory;  
a communications interface;  
a user interface to receive input from a patient and present information to the patient;  
software stored in the memory and executable on the processor for performing functions comprising:  
generating a record in response to patient input received from the user interface, wherein the record indicates the patient's self administration of a medical treatment, the time the medical treatment was administered, and the patient's symptoms that preceded the medical treatment;

*Sueo B*

using the communications interface to transmit the record to a central database, outside the personal interactive medication logging apparatus;

using the communications interface to receive messages from the central database comprising warnings; and

using the communications interface to receive messages from medical professionals.

*A2  
com*

33. (New) The personal interactive medication log of claim 32, further comprising:  
a bar code reader; and  
wherein the software is further capable of accepting input from the patient via the user interface to activate the barcode reader and use the information retrieved from the barcode reader to add information to the record comprising the identity of a medication being taken by the patient as part of the medical treatment.

34. (New) The personal interactive medication log of claim 32, wherein the software is further capable of automatically generating part of the record, and presenting the record to the patient for review prior to the record's transmission to the database.

35. (New) The personal interactive medication log of claim 32, wherein the software is further capable of retrieving patient education material from the database via the communications interface.

36. (New) A medical treatment logging database comprising:  
a processor;  
a memory;  
a communications interface;

*Sub B*

software stored in the memory and executable on the processor for performing functions comprising:

using the communications interface to receive a medical treatment record indicating a patient's self administration of a medical treatment, the medical treatment record comprising patient identification information, a type of treatment performed, a time the treatment was performed, and a patient's symptoms that necessitated the treatment;

storing a plurality of received medical treatment records;

examining the stored medical treatment records to initiate a medication reorder for patients whose medication supply is running low.

*A2  
Cont'd*

37. (New) The medical treatment logging database of claim 36, wherein the software is further capable of receiving a record via the communications interface indicating the specific medication possessed by the patient, receiving a tainted medication warning via the communications interface, examining the record indicating the specific medication possessed by the patient, and transmitting a warning to the patient if the patient possesses medication identified in the tainted medication warning.

38. (New) The medical treatment logging database of claim 36, wherein the software is further capable of receiving a request for medication trending, via the communications interface, from a medical professional and processing the plurality of medical treatment records to create a medication trend report.

39. (New) The medical treatment logging database of claim 36, wherein the medical treatment record further comprises an experience that triggered symptoms and a response to treatment.